

DERWENT-ACC-NO: 1998-079611

DERWENT-WEEK: 199808

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TITLE: New aryl-glyoxal acetal(s) and  
hemi-acetal(s) - e.g.

2-hydroxy-5-(2-(di:alkoxy)-ethanoyl)-benzoic acid  
derivatives

PATENT-ASSIGNEE: SCHERING-PLOUGH CORP[SCHE]

PRIORITY-DATA: 1995IL-0115678 (October 19, 1995)

PATENT-FAMILY:

| PUB-NO      | PAGES | MAIN-IPC    | PUB-DATE        | LANGUAGE |
|-------------|-------|-------------|-----------------|----------|
| IL 115678 A | 000   | C07C 065/32 | January 4, 1998 | N/A      |

APPLICATION-DATA:

| PUB-NO     | APPL-DATE        | APPL-DESCRIPTOR | APPL-NO        |
|------------|------------------|-----------------|----------------|
| IL 115678A | October 19, 1995 | N/A             | 1995IL-0115678 |

INT-CL (IPC): C07C065/32, C07C069/84 , C07C235/84 ,  
C07D317/26 ,  
C07D319/06

ABSTRACTED-PUB-NO: IL 115678A

BASIC-ABSTRACT:

Acetals and hemi-acetals of the formula (I) are new. Z =  
NH<sub>2</sub>, OH or OR<sub>6</sub>; R<sub>6</sub> =  
H or 1-10C alkyl; R<sub>7</sub>, R<sub>8</sub> = H, alkyl (optionally substituted),  
cycloalkyl,  
cycloalkylalkyl, hydroxyalkyl, aryl (optionally substituted),  
arylalkyl  
(optionally substituted), heterocyclyl or heterocyclylalkyl;  
provided that R<sub>7</sub>  
and R<sub>8</sub> are not both H; or R<sub>7</sub>+R<sub>8</sub> form a five or six membered

ring with the  
oxygen atoms.

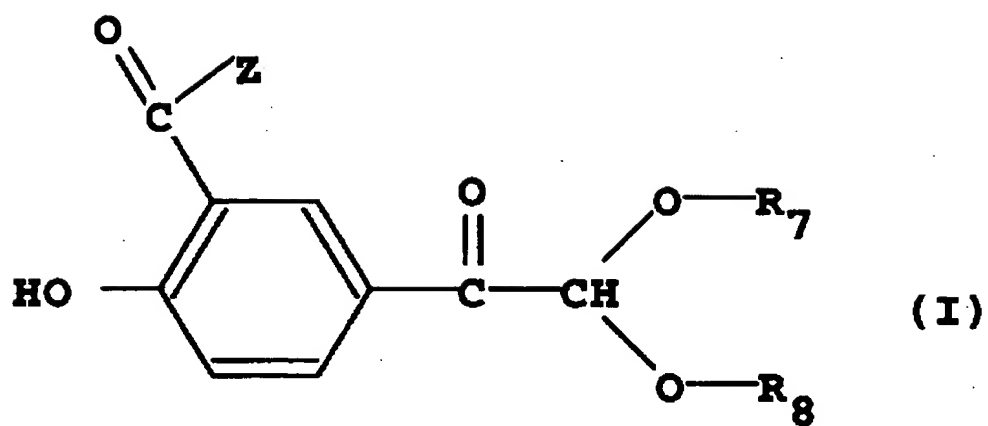
TITLE-TERMS: NEW ARYL GLYOXAL ACETAL HEMI ACETAL HYDROXY DI  
ALKOXY BENZOIC ACID  
DERIVATIVE

DERWENT-CLASS: B03 B05 E13 E14

CPI-CODES: B06-H; B07-H; B10-A23; E07-H; E10-A23A;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-026559



Welcome to STN International! Enter x:x

LOGINID:sssptau126mls

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*  
\* \*

|      |    |        |   |
|------|----|--------|---|
| NEWS | 1  |        | Web Page URLs for STN Seminar Schedule - N. America                             |
| NEWS | 2  | Apr 08 | "Ask CAS" for self-help around the clock  |
| NEWS | 3  | Jun 03 | New e-mail delivery for search results now available                            |
| NEWS | 4  | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN                                       |
| NEWS | 5  | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE)<br>now available on STN         |
| NEWS | 6  | Aug 26 | Sequence searching in REGISTRY enhanced   |
| NEWS | 7  | Sep 03 | JAPIO has been reloaded and enhanced  |
| NEWS | 8  | Sep 16 | Experimental properties added to the REGISTRY file                              |
| NEWS | 9  | Sep 16 | CA Section Thesaurus available in CAPLUS and CA                                 |
| NEWS | 10 | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985                              |
| NEWS | 11 | Oct 24 | BEILSTEIN adds new search fields  |
| NEWS | 12 | Oct 24 | Nutraceuticals International (NUTRACEUT) now<br>available on STN                |
| NEWS | 13 | Nov 18 | DKILIT has been renamed APOLLIT   |
| NEWS | 14 | Nov 25 | More calculated properties added to REGISTRY                                    |
| NEWS | 15 | Dec 04 | CSA files on STN  |
| NEWS | 16 | Dec 17 | PCTFULL now covers WP/PCT Applications from 1978 to<br>date                     |
| NEWS | 17 | Dec 17 | TOXCENTER enhanced with additional content                                      |
| NEWS | 18 | Dec 17 | Adis Clinical Trials Insight now available on STN                               |
| NEWS | 19 | Jan 29 | Simultaneous left and right truncation added to<br>COMPENDEX,<br>ENERGY, INSPEC |
| NEWS | 20 | Feb 13 | CANCERLIT is no longer being updated  |
| NEWS | 21 | Feb 24 | METADEX enhancements  |
| NEWS | 22 | Feb 24 | PCTGEN now available on STN   |
| NEWS | 23 | Feb 24 | TEMA now available on STN   |
| NEWS | 24 | Feb 26 | NTIS now allows simultaneous left and right<br>truncation                       |
| NEWS | 25 | Feb 26 | PCTFULL now contains images   |
| NEWS | 26 | Mar 04 | SDI PACKAGE for monthly delivery of multifile SDI<br>results                    |
| NEWS | 27 | Mar 20 | EVENTLINE will be removed from STN  |
| NEWS | 28 | Mar 24 | PATDPAFULL now available on STN   |
| NEWS | 29 | Mar 24 | Additional information for trade-named substances<br>without                    |

structures available in REGISTRY

NEWS 30 Apr 11 Display formats in DGENE enhanced

NEWS 31 Apr 14 MEDLINE Reload

NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced

NEWS 33 Apr 21 Indexing from 1947 to 1956 being added to records  
in CA/CAPLUS

NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX

NEWS 35 Apr 28 RDISCLOSURE now available on STN

NEWS 36 May 05 Pharmacokinetic information and systematic chemical  
names  
added to PHAR

NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded

NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT  
updated

NEWS 39 May 16 CHEMREACT will be removed from STN

NEWS 40 May 19 Simultaneous left and right truncation added to WSCA

NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous  
left and  
right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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of commercial gateways or other similar uses is prohibited and may  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:15:14 ON 29 MAY 2003

=> FILE REG

|                      |            |         |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL   |
|                      | ENTRY      | SESSION |
| FULL ESTIMATED COST  | 0.21       | 0.21    |

FILE 'REGISTRY' ENTERED AT 13:15:25 ON 29 MAY 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4  
DICTIONARY FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 778353a.str

L1 STRUCTURE UPLOADED

=>

Uploading 778353.str

L2 STRUCTURE UPLOADED

=> UERY

UEYR IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> QUERY

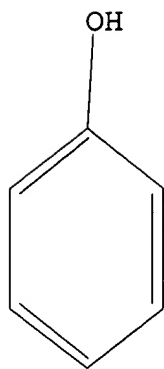
ENTER LOGIC EXPRESSION OR (END):L1 AND L2

L3 QUE L1 AND L2

=> D L3

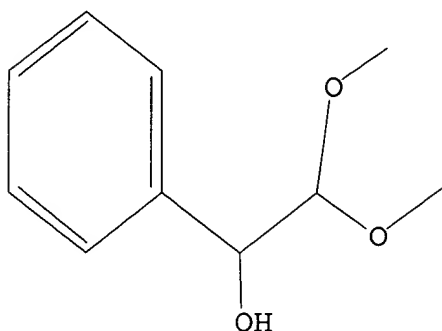
L3 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 STR



Structure attributes must be viewed using STN Express query preparation.

L3 QUE L1 AND L2

=> SEARCH

ENTER LOGIC EXPRESSION, QUERY NAME, OR (END):L3

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.

ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:.

SAMPLE SEARCH INITIATED 13:16:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8768 TO ITERATE

11.4% PROCESSED 1000 ITERATIONS

0

ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 169752 TO 180968

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L1 AND L2

=> S L3 SSS FULL

FULL SEARCH INITIATED 13:16:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 174749 TO ITERATE

100.0% PROCESSED 174749 ITERATIONS

10

ANSWERS

SEARCH TIME: 00.00.02

L5 10 SEA SSS FUL L1 AND L2

=> D 1-10 SUB BIB

L5 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2003 ACS

RN 476333-87-6 REGISTRY

CN Benzenemethanol,

.alpha.-(dimethoxymethyl)-4-hydroxy-2,5-dimethyl- (9CI)

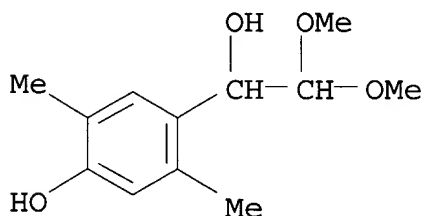
(CA INDEX NAME)

FS 3D CONCORD

MF C12 H18 O4

SR CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)

1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

AN 137:384652 CA

TI Preparation of .beta.3-adrenoceptor-stimulating phenoxyacetates  
and their  
intermediates

IN Tanaka, Nobuyuki; Tamai, Tetsuo; Mukaiyama, Harunobu; Ishikawa,  
Takehiro;

Kobayashi, Junichi; Akaba, Satoshi; Harada, Hiroshi

PA Kissei Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.



CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

|      | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---------------|------|----------|-----------------|----------|
| PI   | JP 2002338513 | A2   | 20021127 | JP 2002-64840   | 20020311 |
| PRAI | JP 2001-68023 |      | 20010312 |                 |          |

L5 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2003 ACS

RN 355840-19-6 REGISTRY

CN Benzoic acid, 4-hydroxy-3-(1-hydroxy-2,2-dimethoxyethyl)-, methyl ester

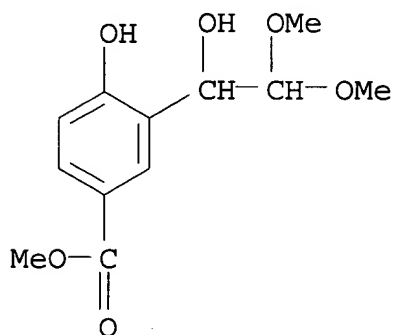
(9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C12 H16 O6

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)

1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

# REFERENCE 1

AN 135:181474 CA

TI Phenolic compounds derived from dialkoxyethanols, their preparation process and their application

IN Wilhelm, Didier; Esmard, Florence

PA Clariant (France) S.A., Fr.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

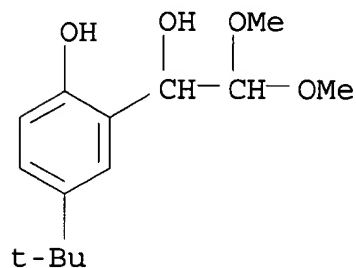
DT Patent

LA English

FAN.CNT 1

|        | PATENT NO.  | KIND   | DATE     | APPLICATION NO. | DATE     |
|--------|---|--|----------|-----------------|----------|
| PI     | EP 1125908  | A1   | 20010822 | EP 2001-810115  | 20010206 |
|        | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |  |          |                 |          |
|        | FR 2804679  | A1   | 20010810 | FR 2000-1483    | 20000207 |
|        | FR 2804679  | B1   | 20020426 |                 |          |
|        | CA 2334050  | AA   | 20010807 | CA 2001-2334050 | 20010202 |
|        | NO 2001000621   | A  | 20010808 | NO 2001-621     | 20010206 |
|        | JP 2001294547   | A2   | 20011023 | JP 2001-29469   | 20010206 |
|        | US 2001016664   | A1   | 20010823 | US 2001-778353  | 20010207 |
|        | CN 1337387  | A  | 20020227 | CN 2001-120719  | 20010207 |
| PRAI   | FR 2000-1483  |  | 20000207 |                 |          |
| RE.CNT | 4   | THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD<br>ALL CITATIONS AVAILABLE IN THE RE FORMAT |          |                 |          |

L5 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2003 ACS  
 RN 355840-18-5 REGISTRY  
 CN Benzenemethanol,  
 .alpha.-(dimethoxymethyl)-5-(1,1-dimethylethyl)-2-hydroxy-  
 (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H22 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

#### REFERENCE 1

AN 135:181474 CA  
 TI Phenolic compounds derived from dialkoxyethanols, their  
 preparation  
 process and their application  
 IN Wilhelm, Didier; Esmard, Florence

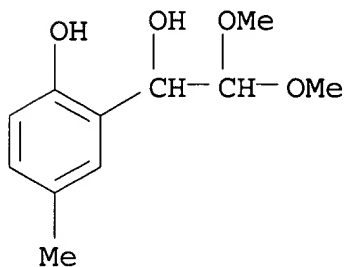
PA Clariant (France) S.A., Fr.  
 SO Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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| PI | EP 1125908  | A1   | 20010822 | EP 2001-810115  | 20010206 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                 |          |
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PRAI FR 2000-1483 20000207

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2003 ACS  
 RN 355840-17-4 REGISTRY  
 CN Benzenemethanol, .alpha.-(dimethoxymethyl)-2-hydroxy-5-methyl-  
 (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C11 H16 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

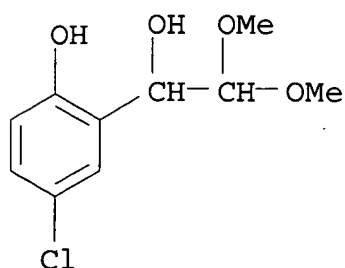
REFERENCE 1

AN 135:181474 CA  
 TI Phenolic compounds derived from dialkoxyethanols, their  
 preparation  
 process and their application  
 IN Wilhelm, Didier; Esmard, Florence  
 PA Clariant (France) S.A., Fr.  
 SO Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2003 ACS  
 RN 355840-16-3 REGISTRY  
 CN Benzenemethanol, 5-chloro-.alpha.-(dimethoxymethyl)-2-hydroxy-(9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C10 H13 Cl O4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



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1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

AN 135:181474 CA  
TI Phenolic compounds derived from dialkoxyethanols, their preparation

process and their application

IN Wilhelm, Didier; Esmard, Florence

PA Clariant (France) S.A., Fr.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
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|    | IE, SI, LT, LV, FI, RO   |      |          |                 |          |
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|    | CN 1337387   | A    | 20020227 | CN 2001-120719  | 20010207 |

PRAI FR 2000-1483 20000207

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2003 ACS

RN 355840-15-2 REGISTRY

CN Benzenemethanol, .alpha.-(dimethoxymethyl)-2-hydroxy- (9CI) (CA INDEX

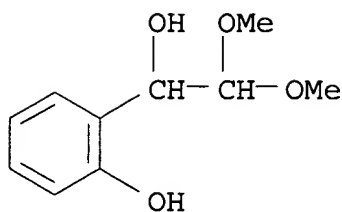
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FS 3D CONCORD

MF C10 H14 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

AN 135:181474 CA  
TI Phenolic compounds derived from dialkoxyethanols, their preparation

process and their application

IN Wilhelm, Didier; Esmard, Florence

PA Clariant (France) S.A., Fr.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

|      | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
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| PRAI | FR 2000-1483   |      | 20000207 |                 |          |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L5 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2003 ACS

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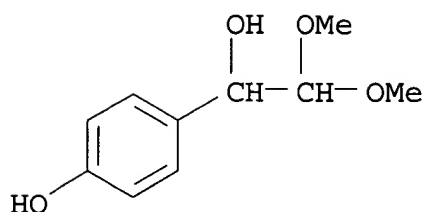
CN Benzenemethanol, .alpha.-(dimethoxymethyl)-4-hydroxy- (9CI) (CA INDEX

NAME)

FS 3D CONCORD

MF C10 H14 O4

SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

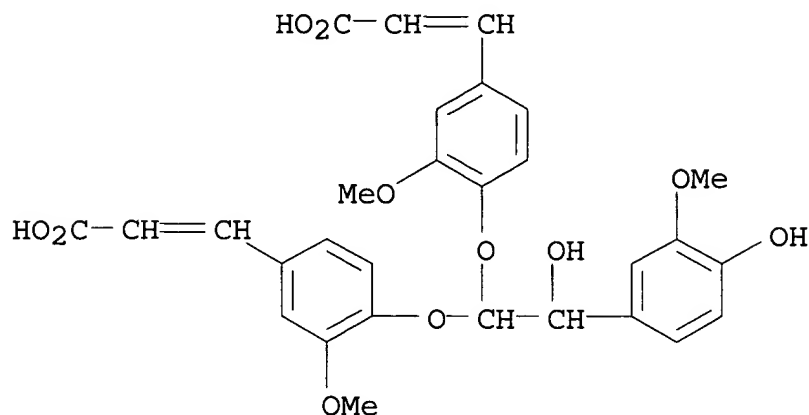
AN 135:181474 CA  
TI Phenolic compounds derived from dialkoxyethanols, their  
preparation  
process and their application  
IN Wilhelm, Didier; Esmard, Florence  
PA Clariant (France) S.A., Fr.  
SO Eur. Pat. Appl., 19 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
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| FR 2804679  | B1   | 20020426 |                 |          |
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| NO 2001000621   | A    | 20010808 | NO 2001-621     | 20010206 |
| JP 2001294547   | A2   | 20011023 | JP 2001-29469   | 20010206 |
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| CN 1337387  | A    | 20020227 | CN 2001-120719  | 20010207 |
| PRAI FR 2000-1483   |      | 20000207 |                 |          |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2003 ACS  
RN 353455-92-2 REGISTRY  
CN 2-Propenoic acid, 3,3'-[[2-hydroxy-2-(4-hydroxy-3-

methoxyphenyl) ethylidene] bis[oxy(3-methoxy-4,1-phenylene)]] bis-  
 (9CI) (CA  
 INDEX NAME)  
 MF C29 H28 O11  
 SR CA  
 LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1957 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

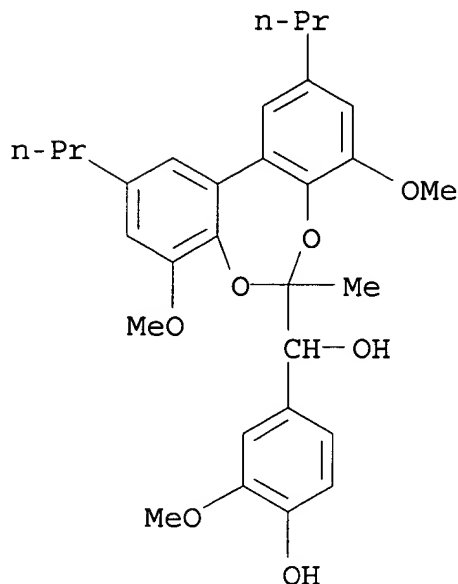
# REFERENCE 1

AN 135:163980 CA  
 TI Initial steps of ferulic acid polymerization by lignin peroxidase  
 AU Ward, Gary; Hadar, Yitzhak; Bilkis, Itzhak; Konstantinovskiy,  
 Leonid;  
 Dosoretz, Carlos G.  
 CS Department of Environmental Biotechnology, MIGAL-Galilee  
 Technology  
 Center, Kiryat Shmona, 10200, Israel  
 SO Journal of Biological Chemistry (2001), 276(22), 18734-18741  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English  
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2003 ACS  
 RN 239115-24-3 REGISTRY  
 CN Dibenzo[d,f][1,3]dioxepin-6-methanol,  
 .alpha.-(4-hydroxy-3-methoxyphenyl)-  
 4,8-dimethoxy-6-methyl-2,10-dipropyl- (9CI) (CA INDEX NAME)



FS 3D CONCORD  
 MF C30 H36 O7  
 SR CA  
 LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

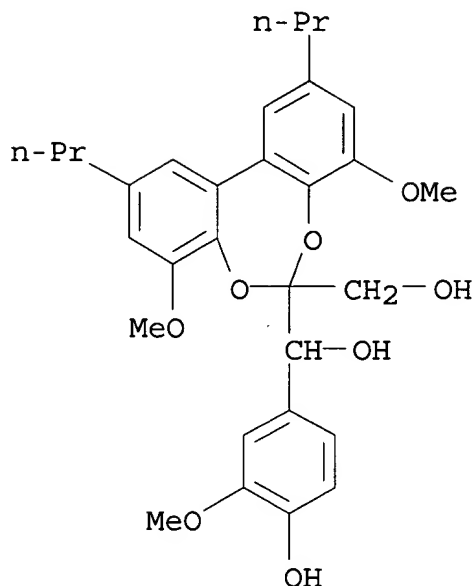
1 REFERENCES IN FILE CA (1957 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

# REFERENCE 1

AN 131:171707 CA  
 TI The behavior of dibenzodioxocin structures in lignin during  
 alkaline  
 pulping processes  
 AU Karhunen, Pirkko; Mikkola, Jouni; Pajunen, Aarne; Brunow, Gosta  
 CS Department of Chemistry, University of Helsinki, Finland  
 SO Nordic Pulp & Paper Research Journal (1999), 14(2), 123-128  
 CODEN: NPPJEG; ISSN: 0283-2631  
 PB Mentor Communications AB  
 DT Journal  
 LA English  
 RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2003 ACS  
 RN 215542-00-0 REGISTRY  
 CN Dibenzo[d,f][1,3]dioxepin-6,6-dimethanol, .alpha.-(4-hydroxy-3-  
 methoxyphenyl)-4,8-dimethoxy-2,10-dipropyl- (9CI) (CA INDEX  
 NAME)

FS 3D CONCORD  
MF C30 H36 O8  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1957 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

AN 131:171707 CA  
TI The behavior of dibenzodioxocin structures in lignin during  
alkaline  
pulpig processes  
AU Karhunen, Pirkko; Mikkola, Jouni; Pajunen, Aarne; Brunow, Gosta  
CS Department of Chemistry, University of Helsinki, Finland  
SO Nordic Pulp & Paper Research Journal (1999), 14(2), 123-128  
CODEN: NPPJEG; ISSN: 0283-2631  
PB Mentor Communications AB  
DT Journal  
LA English  
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 129:344592 CA  
TI Novel redox reactions of dibenzodioxocin structures in lignin  
during